

Date: Sun, 29 Aug 93 04:30:08 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1026
To: Info-Hams

Info-Hams Digest Sun, 29 Aug 93 Volume 93 : Issue 1026

Today's Topics:

 'Diversity Operation'?
 A strange thing that happens when you are learning code
 CW Prosigs (was: -... ..- -- -....)
 Headphone recommendations.
I NEED HELP!!! I tried fixing a 02AT and made it worse!!!
 Intern. Callbook on CD-ROM ?
 Mods for Icom P2AT
 Morris Dead
 Morris RIP
 Nasa boom-mic's and other?'s
 new ham? (2 msgs)
 Original Brown Bros.
The WAR was(Re: Code learning questions)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 17 Aug 93 13:39:01 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: 'Diversity Operation'?
To: info-hams@ucsd.edu

In rec.radio.shortwave, mwandel@bnr.ca (Markus Wandel) writes:
>This may be a FAQ, and yes, I am one who unsubscribes to these groups when
>nothing interesting passes by for a while so I may have missed it in the past.
>I am wondering about 'Diversity operation'.
>

First off, one way to ensure interesting items appear on this group is to post some loggings or reviews of programs, etc!

Diversity reception does involve more than one receiver, with separate antennas, separate frequencies, or both. A quick hand on the gain controls, or automatic selection of the strongest signal is required to get the maximum benefit from this system. I believe diversity reception was pioneered by RCA at its transatlantic receiving site on Long Island, NY, but I'm not sure.

One well-known diversity setup from WW2 used a pair of Hallicrafters SX-28 receivers and some additional electronics. With 2 receivers dedicated to each frequency, it's easy to see why there are still so many SX-28s in circulation!

Good listening.

Jim

--

jkearman@arrl.org

>--

>Markus Wandel Ottawa Ont. Canada (613) 592-1225

>markus@pinetree.org <-- NOT 'mwandel@bnr.ca', that does not work.

>

Date: Sun, 29 Aug 1993 03:00:20 GMT

From: swrinde!cs.utexas.edu!wupost!csus.edu!netcom.com!dravey@network.ucsd.edu

Subject: A strange thing that happens when you are learning code

To: info-hams@ucsd.edu

Bill Gunshannon (bill@triangle.cs.uofs.edu) wrote:

: In article <CC0r4s.FCu@cbnewsm.cb.att.com>, hellman@cbnewsm.cb.att.com

(eric.s.hellman) writes:

: |> Beethoven had written 4 symphonies and he needed a fresh idea for number V

: |> (Roman numeral)... so...he figured, why not ??? DiDiDiDaaah !!!!

: |> (Why do think it's called the 5th?)

: |>

: I don't know why it's called the fifth other than the fact that it was the 5th
: one he wrote.

: However the connection between the main beat of Beethoven's 5th and Samuel F. B.

: Morse's code is specious at best. Beethoven published his 5th in 1812. Morse
: first conceived the idea of the telegraph while travelling on the packet ship
: Sully in 1832. It was a number of years later before he published what was to
: become known as Morse Code. Although it is possible that Morse based the
letter
: V on Beethoven's rhythm, it is highly unlikely that there is any real connection
: between them at all.

: Unless of course someone can provide reliable published data to the contrary.

You boys have it turned upside down. True, Beethoven didn't know Morse code
and thus didn't form the rhythm of his opening cadenza (is that the right
term??) based on it--but the REVERSE has its own story:

During WW II, as the French Resistance was toppling, the French national radio
continually played the first movement of Beethoven's Fifth Symphony during the
final hours as the Germans were taking Paris. As long as it played, people
within the range of its sound knew that Paris had not yet fallen. It was
widely known at the time (yes, I remember!) that it signified "V for Victory."
It was highly dramatic and cause for great anguish when, after many hours of
continuous play, that towering music was abruptly silenced.

Don W6DBZ (see, I _told_ you I remember!)

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+-----+
| Don Ravey          dravey@netcom.com          OBJECTS IN MIRROR |
|                                                           ARE CLOSER THAN THEY APPEAR |
+-----+
```

Date: 16 Aug 93 20:01:19 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: CW Prosigns (was: ... - - -...)
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, drt@athena.mit.edu (David R Tucker) writes:

```
>
> The SK should ONLY be used at the end of your final
> transmission to another station.
>
> And unlike the silly ARRL code tests. SK (or AR for that matter) goes
> before your last identification.
>
> -Ron
>
> But **WHY**, Ron, **WHY**?????????????
```

>People keep asserting this, and no one YET has told me WHY
>"W1MX DE KG2S SK"
>is incorrect, and WHY it should go before the callsigns.
>I am willing to conform, if those who assert can just
>come up with a good reason.

Neither callsign is considered part of the "transmission."
You send SK to let the receiving operator know s/he can
stop typing, then send the calls.

But if you're just ragchewing, who cares?

73, KR1S

--
jkearman@arrl.org

>
>Does ANYONE at ALL know the reason? Or it totally random?
>
>(Anyway, even The Book disagrees with you, Ron, about AR, which
>is properly placed at the very end.)
>
>-drt
>--
>-----
David R. Tucker KG2S drt@athena.mit.edu
>|'Most political sermons teach the congregation nothing except |
>|what newspapers are taken at the Rectory.' -C.S. Lewis |
>-----
>

Date: 28 Aug 93 15:29:53 EST
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!
bgsuvax!uoft02.utoledo.edu!tulip!mohan@network.ucsd.edu
Subject: Headphone recommendations.
To: info-hams@ucsd.edu

Hello,

When I bought my HF rig the ham who sold it to me gave me a pair of
headphones with it. I have been using them when listening on the band.

After using it for sometime I get a very painful feeling in my ears. It really

hurts. Because of this I have been looking for a pair of headphones.

So, Can someone here tell me some info about how to choose a good headphone. Information on names of companies and model numbers will be extremely useful for me to decide. And also please let me know how much one should expect to spend to get a good pair.

Thanks.

--mohan

```
=====
+ Mohanakrishna Pakkurti          + mohan@jupiter.cse.utoledo.edu      +
+ HOME: 2239 University Hills Blvd #204, Toledo OH 43606. Phone:(419)536-9073 +
=====
```

Date: Sun, 29 Aug 1993 00:30:12
From: Clone!UUCP@uunet.uu.net
Subject: I NEED HELP!!! I tried fixing a 02AT and made it worse!!!
To: info-hams@ucsd.edu

AG> I have just done something very stupid.

I had to have my 02AT fixed in '89, and sent it to Icom's repair depot in Georgia. Don't know if this office is still there, but you could call to find out:

ICOM
1777 Phoenix Parkway
Suite 201
Atlanta, Georgia 30349

404-991-6166

W3ph
ph@his.com

Date: Sat, 28 Aug 1993 20:31:59 GMT
From: swrinde!cs.utexas.edu!wupost!csus.edu!netcom.com!netcomsv!bongo!
julian@network.ucsd.edu
Subject: Intern. Callbook on CD-ROM ?
To: info-hams@ucsd.edu

In article <1993Aug27.110827.17339@news.tu-ilmenau.de> tom@systemtechnik.tu-

ilmenau.de (Thomas Planke) writes:

>

>I am looking for a source of a CD-ROM that contains the international
>part of the Callbook

 Arn't we all. Problem is, there are possibly over one hundred
licencing authorities out there. Someone has to gather all their data
and then make it all ASCII if it isn't already and then put it on a CD
ROM.

 My bitch about the Buckmaster "DX" book is that it is old, out
of date, and inaccurate. Plus, for decades they have not been putting
no-code calls in.

 But it seems that even Buckmaster has trouble hunting down the
lists of amateurs round the world. I think they rely on individuals
sending them lists - they don't write to various PT&Ts (licencing
authorities) and buy them.

 I know this because when I was playing OZ9IY (No code and
NEVER in a Buckmaster book), there was much correspondence in the
Danish ham mag OZ about what a piss poor job Buckmaster did re the
Danish calls. Someone wrote them and they said they relied on people
writing in or sending in a list. At that time the Danish PT&T would
give you a printout sorted by call and Zip code for about \$1.00.
Obviously beyond Buckmaster's budget.

 But, these days I am sure most authorities keep their records
on a computer of some sort so an electronic copy could be got. Then
another computer could sort it all out (translate codes i.e. D =
Technician) and slam it on a CD. Let's face it, it would probably be a
nice little earner.

 On uk.amateur there was a recent discussion of getting the
Brit callbook on CD.

 Seems Fred Lloyd has strated something.

--

Julian Macassey, N6ARE julian@bongo.tele.com Voice: (213) 653-4495
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

Date: Sat, 28 Aug 93 20:12:15 CDT
From: tribune.usask.ca!mizar.cc.umanitoba.ca!bison!sys6626!inqmind!
jim@decwrl.dec.com
Subject: Mods for Icom P2AT

To: info-hams@ucsd.edu

Has anyone tried it yet? Is it safe? Does it work?
Let me know.

73

Jim VE4JAF

jim@inqmind.bison.mb.ca

The Inquiring Mind BBS, Winnipeg, Manitoba 204 488-1607

Date: Sat, 28 Aug 1993 21:48:20 GMT

From: swrinde!cs.utexas.edu!wupost!csus.edu!netcom.com!netcomsv!bongo!

julian@network.ucsd.edu

Subject: Morris Dead

To: info-hams@ucsd.edu

I was reading the "Animal Press", a bunny hugger/save the
whales newspaper. There on page 2 was an item that shocked me:

Mark L. Morris, aged 92, Founder of the Morris foundation
died on July 8 in Naples Florida.

First of all, this proves that Morris is for geezers - wow 92,
definate geezer age. But what is going to happen now that Morris is
dead? Will the ARRL take over?

These are trying times. First the Coast Guard gives up Morris,
then Morris himself gives up.

--

Julian Macassey, N6ARE julian@bongo.tele.com Voice: (213) 653-4495

Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

Date: 28 Aug 1993 19:59:54 -0500

From: swrinde!cs.utexas.edu!geraldo.cc.utexas.edu!emx.cc.utexas.edu!not-for-
mail@network.ucsd.edu

Subject: Morris RIP

To: info-hams@ucsd.edu

julian@bongo.tele.com (Julian Macassey) reports:

>>Mark L. Morris, aged 92, Founder of the Morris foundation

>>died on July 8 in Naples Florida.

>>These are trying times. First the Coast Guard gives up Morris,
>>then Morris himself gives up.

Sad times indeed. His brother Space went some time ago,
so that's the end of RTTY as well.

Derek "R.I.P." Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: 29 Aug 1993 08:51:33 GMT
From: usc!howland.reston.ans.net!vixen.cso.uiuc.edu!ux4.cso.uiuc.edu!
ahall@network.ucsd.edu
Subject: Nasa boom-mic's and other?'s
To: info-hams@ucsd.edu

Hello everyone,

I have a couple easy questions:

1) does anyone know where I can get a hold of some ear-peice boom-mics similar to those used in the nasa control rooms? I am looking for something that doesnt cause welts when worn w/ a bicycle helmet. Any suggestions (i've already got a lapel-mic) would be appreciated. I think I saw the type I'm thinking of advertised in Nuts N Bolts but now I can't find the issue. Any help would be appreciated (I've got a Yaesu FT411e- I think that's a 1/8 ear and 1/16 mic??)

2) does anyone know about the organization for bicycling hams?
I'd be very interested in any info regarding them.

Thanks a million ahead of time!!!!

oh, I'd appreciate e-mail'd responses--TNX

73's
Allen n9rzc@uiuc.edu

Date: 29 Aug 93 02:25:58 GMT
From: netcomsv!netcom.com!dravey@decwrl.dec.com
Subject: new ham?

To: info-hams@ucsd.edu

Sanjeev Sawai (sanjeev@anest4.anest.ufl.edu) wrote:

: How does one become a ham?

: --Sanjeev

I am embarrassed to read two of my fellow hams make silly jokes without giving you a straight answer to your question.

Possibly their reason for doing so is that there are extensive FAQs that would give you the information you ask for. If you will read these, it will not be necessary to take up bandwidth here to post your question. The answer to your simple question is not simple, thus no one feels like writing a 20 page answer to you. Please refer to the FAQs. I don't think you will have any remaining questions, but if you do, then come back and post a specific question.

In the spirit of the hobby that has kept me enthusiastic about it for nearly 50 years, I welcome your interest and encourage you to obtain more information. Read the FAQs.

Don W6DBZ

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+-----+
| Don Ravey          dravey@netcom.com          OBJECTS IN MIRROR |
|                                                           ARE CLOSER THAN THEY APPEAR |
+-----+
```

Date: Sun, 29 Aug 1993 05:02:29 GMT

From: mentor.cc.purdue.edu!sage.cc.purdue.edu!blumb@purdue.edu

Subject: new ham?

To: info-hams@ucsd.edu

dravey@netcom.com (Donald Ravey) writes:

>Sanjeev Sawai (sanjeev@anest4.anest.ufl.edu) wrote:

>: How does one become a ham?

>: --Sanjeev

>

>I am embarrassed to read two of my fellow hams make silly jokes without
>giving you a straight answer to your question.

>In the spirit of the hobby that has kept me enthusiastic about it for
>nearly 50 years, I welcome your interest and encourage you to obtain
>more information. Read the FAQs.

>

I don't have the FAQ's handy.
I have one specific question...

In all the books, materials, etc. I have, it says that anyone wanting to take a Novice exam for the first time can find just two General class licensees and go for it.
However, these books are not current. (1990)

Is this policy still in effect?

If so, I will find two Generals next week...
:)

--

Bill Blum blumb@sage.cc.purdue.edu Purdue University, W. Lafayette, IN

Date: Sun, 29 Aug 1993 03:39:06 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!nshore!seastar!
vikki@network.ucsd.edu
Subject: Original Brown Bros.
To: info-hams@ucsd.edu

As quoted from <1993Aug27.161009.28644@nntpd2.cxo.dec.com> by
jepson_st@goedux.enet.dec.com (goedux::jepson_st):

> >
> >As far as I'm concerned, there is only *one* great ambiatic paddle - that's
> >the Brown Brothers design. Too bad they're out of business. I always won-
> >dered why someone didn't buy up their casting equipment, etc.
> >
> >73
> >Don Montgomery, K6LTS
> >donrm@sr.hp.com
> >
> I agree, I own a Brown Bros. Mach. Co. model CTL and wouldn't consider
> anything else. it's heavy enough for stability, the pivot design makes
> for good tactil feed back even at very close contact spacing, it's
> fully adjustable but not critical, and it's full iambic.
>
> >Benchers are really the low end of the totem pole.
>
> The only Brown Bros. keys worth owning were the ORIGINAL DESIGN
> from the late 60's early 70's. Another company turned up in the
> later 70's early 80's making 'Brown Bros.' keys. These weren't
> the same design. (paddle pivot point at the far end of the shaft

> instead of the center. Contacts too close to the paddles.)
> I suspect that most of the people who dislike the Brown Bros.
> paddles had experience with the newer (poorer) design.
>
> Steve...AI7W

I'll add my comments to this list. As a relative newbie (licensed about three years now) I first got a bencher - to be kind, I thought it garbage and was RARELY on the air with it. One of the local qrp crowd brought a Kent to one of the meeting and I fell in love with it and next time we went to Dayton I got one of the "kits". I assembled it in about 10 minutes on my mother-in-laws couch (nice to have family in Dayton :). You can *actually* adjust it (unlike the bencher) and it feels *wonderful*. Because of this, I am on the air a LOT more on cw these days. It makes you *want* to do cw :-).

I took it to a meeting once and someone wanted to play with it, but was afraid to adjust it for himself - I told him to go ahead (he had a bencher and was also never able to get it adjusted to where it felt "right"). He was shocked that I would let him do that, but it is that easy to adjust.

I have had a chance to play with their straight key and it also feels nice (I just don't like that style). The version I have has two seperate paddles and my only complaint is that it is a bit wide to be *really* comfortable for me, but I still like it a lot more than anything else I have seen. They also have a single paddle version (contacts on both sides of a single arm) that I'll get a chance to see at the next meeting.

No, I don't work for Kent, but I am really happy with the key that I have from them. I am still amazed that I *enjoy* working cw with that key (and I am FAR more into multi-bit digital stuff :-).

Take care es 72, Vikki.

--

Vikki Welch, SysAdmin Welch Research, WV9K, DoD#-13
vikki@seastar.org [198.134.137.1], vikki@wv9k.atl.ga.us(weekly)

Date: 16 Aug 93 11:38:43 EDT
From: psinntp!arrrl.org@uunet.uu.net
Subject: The WAR was(Re: Code learning questions)
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, gary@ke4zv.uucp (Gary Coffman) writes:

>that got the whole mess stirred up. *Now* they tell us not to
>involve the FCC in matters best handled ourselves, such as self
>training. Maybe they're beginning to get a clue that it's not
>wise to wake the bear on issues that're likely to result in
>more restrictions.
>

Well, that's hardly true OR fair, Gary. As you very well
know, 'they', meaning the folks at ARRL, are unusually clear on
the whys and wherefores of not waking the bear.

The problem they face, actually, is making it clear to
the rest of the folks that we have adequate staff at ARRL HQ
to assist with rules interpretations -- in fact a whole branch of
people.

"Beginning to get a clue?" Nah... that happened a long time
ago.

			Deputy Manager, Field Services, ARRL.
		----	The ARRL Amateur Radio Emergency Service, the ARRL
	uck		urder
-----			National Traffic System, The Amateur Auxiliary to
			the FCC's Field Operations Bureau, the ARRL
	KY1T		Field Organization and the ARRL Monitoring System.

lhurder@arrl.org Prodigy - MGTS39A, BIX - ARRL,
MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"
Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ

Date: 29 Aug 1993 03:25:55 GMT
From: sdd.hp.com!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!icon.rose.hp.com!
hpchase.rose.hp.com!stan@network.ucsd.edu
To: info-hams@ucsd.edu

References <9308271449.AA23699@mwsun001.mwlab>, <25lhgh\$i22@jericho.mc.com>,
<25ljrb\$15p@agate.berkeley.edu>e.rose.
Subject : Re: FT-530 Communications Port Info

If the Ft-530 uses a similiar scheme as the Ft-411, I have has success
with the following:

If you look at the schematic, the mike jack is a STEREO 2.5mm jack. I found a stereo 2.5 mm plug as a electronics distributor. The middle ring is connected to an I/O pin on the processor through a (I think) 10K resistor. I found that when you put the 411 in the "clone" mode, you get 4800 baud rs232 with ttl levels. I hooked up a ttl to rs-232 converter and was able to copy the data to a file on my pc.

Someone on the net had written a translation program in ADA. I haven't gotten around to translating it into C yet. Basically the data is sent in nibbles with the nibbles swapped in each byte. The whole record is 544 bytes long. I would guess that the data itself is much different for the ft-530, but this would be a good place to start.

stan--

```
~~~~~
~ Stan Witherspoon      N6SCE                      ~ Disclaimer ~
~ Systems Technology Div. of Hewlett Packard ~ These are my personal opinions ~
~ 8010 Foothills Blvd. ~ and do not represent the views ~
~ Roseville Ca. 95678 (916) 785-5071 ~ of anyone or anything else. ~
~ Email: ucbvax!hplabs!hprpcd!stan or stan@hprpcd.rose.hp.com ~
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End of Info-Hams Digest V93 #1026
